

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for processing data in an automatic data processing system, comprising:

defining one or more classes of objects, said classes having one or more methods for performing operations on said objects;

creating one or more objects of the one or more classes, each object having an identifier within its class;

creating a tool having at least one function for providing an executable solution to the one or more methods of the one or more classes, whereby the at least one function is assigned to one or more methods of the one or more classes, the tool includes a first attribute associated with a first executable solution of the at least one function and a second attribute associated with a second executable solution of the at least one function, the first attribute is modifiable by a first user and the second attribute is modifiable by a second user, and the second user is prevented from modifying the first attribute; and

assigning the tool to one of the one or more objects of the one or more classes by using the identifier of the object.

2. (Original) The method of claim 1, wherein assigning the tool to an object is performed based on a table wherein the tool is associated with one or more identifiers.

3. (Original) The method of claim 1, wherein assigning the tool to an object is performed based on a table wherein the tool is associated with one or more identifiers and wherein the tool is assigned to objects of only one class.

4. (Original) The method of claim 1, wherein the identifier is unique within its class.

5. (Original) The method of claim 1, wherein the at least one function comprises a reference to an executable code.

6. (Original) The method of claim 2, wherein the at least one function comprises a reference to an executable code.

7. (Original) The method of claim 3, wherein the at least one function comprises a reference to an executable code.

8. (Original) The method of claim 4, wherein the at least one function comprises a reference to an executable code.

9. (Currently Amended) The method of claim 1, wherein the at least one function comprises a reference to a first data array that stores, ~~in which~~ information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

10. (Currently Amended) The method of claim 2, wherein the at least one function comprises a reference to a first data array that stores, ~~in which~~ information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

11. (Currently Amended) The method of claim 3, wherein the at least one function comprises a reference to a first data array that stores, ~~in which~~ information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

12. (Currently Amended) The method of claim 4, wherein the at least one function comprises a reference to a first data array that stores, ~~in which~~ information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

13. (Currently Amended) The method of claim 1, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool ~~are stored~~.

14. (Currently Amended) The method of claim 2, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool ~~are stored~~.

15. (Currently Amended) The method of claim 3, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool ~~are stored~~.

16. (Currently Amended) A computer system for processing data in a software application, the system comprising:

- a memory having program instructions;
- an input means for entering data;
- a storage means for storing data;
- a processor responsive to the program instructions for defining one or more classes of objects, said classes having one or more methods for performing operations on said objects;
- creating one or more objects of the one or more classes, each object having an identifier within its class;

creating a tool having at least one function for providing an executable solution to the one or more methods of the one or more classes, whereby the at least one function is assigned to one or more methods of the one or more classes, the tool includes a first attribute associated with a first executable solution of the at least one function and a second attribute associated with a second executable solution of the at least one function, the first attribute is modifiable by a first user and the second attribute is modifiable by a second user, and the second user is prevented from modifying the first attribute; and

assigning the tool to one of the one or more objects of the one or more classes by using the identifier of the object.

17. (Original) The computer system of claim 16, wherein assigning the tool to an object is performed based on a table wherein the tool is associated with one or more identifiers.

18. (Original) The computer system of claim 16, wherein assigning the tool to an object is performed based on a table wherein the tool is associated with one or more identifiers and the tool is assigned to objects of only one class.

19. (Original) The computer system of claim 16, wherein the identifier is unique within its class.

20. (Original) The computer system of claim 16, wherein the at least one function comprises a reference to an executable code.

21. (Original) The computer system of claim 17, wherein the at least one function comprises a reference to an executable code.

22. (Original) The computer system of claim 18, wherein the at least one function comprises a reference to an executable code.

23. (Original) The computer system of claim 19, wherein the at least one function comprises a reference to an executable code.

24. (Currently Amended) The computer system of claim 16, wherein the at least one function comprises a reference to a first data array that stores, in which information relating to the first attribute ~~attributes~~ for the at least one function are stored, and a reference to a second data array that stores information relating to the second attribute for the at least one function.

25. (Currently Amended) The computer system of claim 17, wherein the at least one function comprises a reference to a first data array that stores, in which information relating to the first attribute ~~attributes~~ for the at least one function are stored, and a reference to a second data array that stores information relating to the second attribute for the at least one function.

26. (Currently Amended) The computer system of claim 18, wherein the at least one function comprises a reference to a first data array that stores, ~~in which~~ information relating to the first attribute ~~attributes~~ for the at least one function are stored, and a reference to a second data array that stores information relating to the second attribute for the at least one function.

27. (Currently Amended) The computer system of claim 19, wherein the at least one function comprises a reference to a first data array that stores, ~~in which~~ information relating to the first attribute ~~attributes~~ for the at least one function are stored, and a reference to a second data array that stores information relating to the second attribute for the at least one function.

28. (Currently Amended) The computer system of claim 16, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool are stored.

29. (Currently Amended) The computer system of claim 17, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool are stored.

30. (Currently Amended) The computer system of claim 18, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool ~~are stored~~.

31. (Currently Amended) A computer readable medium comprising instructions for processing data in an automatic data processing system, the medium comprising instructions for:

defining one or more classes of objects, said classes having one or more methods for performing operations on said objects;

creating one or more objects of the one or more classes, each object having an identifier within its class;

creating a tool having at least one function for providing an executable solution to the one or more methods of the one or more classes, whereby the at least one function is assigned to one or more methods of the one or more classes, the tool includes a first attribute associated with a first executable solution of the at least one function and a second attribute associated with a second executable solution of the at least one function, the first attribute is modifiable by a first user and the second attribute is modifiable by a second user, and the second user is prevented from modifying the first attribute; and

assigning the tool to one of the one or more objects of the one or more classes by using the identifier of the object.

32. (Original) The medium of claim 31, wherein assigning the tool to an object is performed based on a table wherein the tool is associated with one or more identifiers.

33. (Original) The medium of claim 31, wherein assigning the tool to an object is performed based on a table wherein the tool is associated with one or more identifiers and wherein the tool is assigned to objects of only one class.

34. (Original) The medium of claim 31, wherein the identifier is unique within its class.

35. (Original) The medium of claim 31, wherein the at least one function comprises a reference to an executable code.

36. (Original) The medium of claim 32, wherein the at least one function comprises a reference to an executable code.

37. (Original) The medium of claim 33, wherein the at least one function comprises a reference to an executable code

38. (Original) The medium of claim 34, wherein the at least one function comprises a reference to an executable code.

39. (Currently Amended) The medium of claim 31, wherein the at least one function comprises a reference to a first data array that stores, in which information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

40. (Currently Amended) The medium of claim 32, wherein the at least one function comprises a reference to a first data array that stores, in which information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

41. (Currently Amended) The medium of claim 33, wherein the at least one function comprises a reference to a first data array that stores, in which information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

42. (Currently Amended) The medium of claim 34, wherein the at least one function comprises a reference to a first data array that stores, in which information relating to the first attribute ~~attributes~~ for the at least one function ~~are stored~~ and a reference to a second data array that stores information relating to the second attribute for the at least one function.

43. (Currently Amended) The medium of claim 31, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool ~~are stored~~.

44. (Currently Amended) The medium of claim 32, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool ~~are stored~~.

45. (Currently Amended) The medium of claim 33, wherein the tool comprises a reference to a data array that stores ~~in which~~ information relating to an attribute ~~attributes~~ for at least two functions of the tool ~~are stored~~.